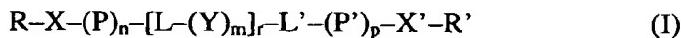


## II. AMENDMENTS TO THE CLAIMS

**Claim 1.** (Withdrawn) Water-soluble amphiphilic cationic associative polyurethanes of formula (I):



in which:

R and R', are identical or different, and represent a hydrophobic group or a hydrogen atom;

X and X', are identical or different, and represent a group comprising an amine functional group which may or may not carry a hydrophobic group or an L» group;

L, L' and L», are identical or different, and represent a group derived from diisocyanate;

P and P', are identical or different, and represent a group comprising an amine functional group which may or may not carry a hydrophobic group;

Y represents a hydrophilic group;

r is an integer between 1 and 100,

n, m and p have values, each independently of the others, between 0 and 1000;

the molecule comprising at least one protonated or quaternized amine functional group and at least one hydrophobic group.

**Claim 2.** (Withdrawn) The polyurethane according to Claim 1, wherein the only hydrophobic groups are the R and R' groups.

**Claim 3.** (Withdrawn) The polyurethane according to Claim 1, wherein R and R' independently represent a hydrophobic group; X and X' are L», n and p have values between 1 and 1000; and L, L', L», P, P', Y and m are the same as Claim 1.

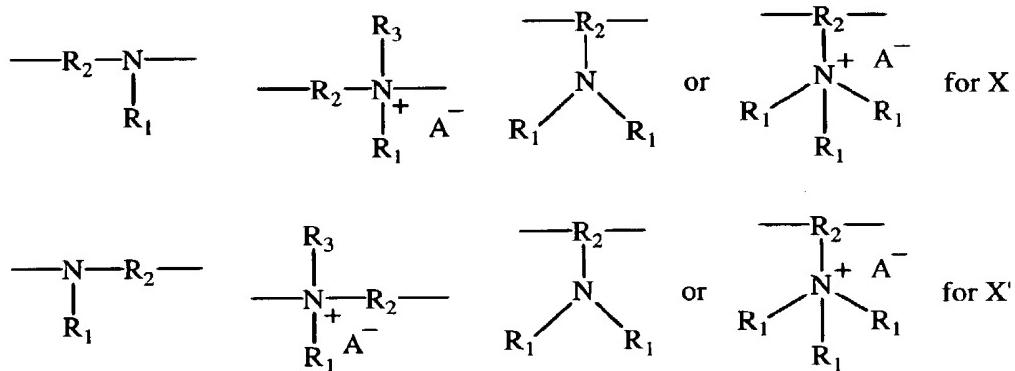
**Claim 4.** (Withdrawn) The polyurethane according to Claim 1, wherein R and R' independently represent a hydrophobic group; X and X' are L», n and p have the value 0; and L, L', L», Y and m are the same as Claim 1.

**Claim 5.** (Withdrawn) The polyurethane according to Claim 1, wherein R and R' independently represent a hydrophobic group; X and X' comprise a quartenary amine; n and p have the value 0; and L, L', Y and m are the same as Claim 1.

**Claim 6.** (Withdrawn) The polyurethane according to Claim 1, which exhibits a number-average molecular mass between 400 and 500,000.

**Claim 7. (Withdrawn)** The polyurethane according to Claim 1, wherein R and R' represent a radical or a polymer with a saturated or unsaturated and linear or branched hydrocarbonaceous chain, in which chain one or more of the carbon atoms is optionally replaced by a heteroatom selected from the group consisting of S, N, O and P, or a radical comprising a silicone or perfluorinated chain.

**Claim 8. (Withdrawn)** The polyurethane according to Claim 1, wherein X and X' represent one of the formulae:



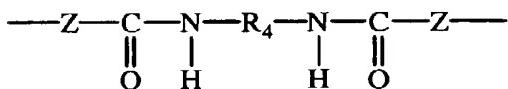
in which:

R<sub>2</sub> represents a linear or branched alkylene radical having from 1 to 20 carbon atoms, which optionally may comprise a saturated or unsaturated ring, or an arylene radical, wherein one or more carbon atoms optionally is replaced by a heteroatom selected from the group consisting of N, S, O or P;

R<sub>1</sub> and R<sub>3</sub>, are identical or different, are a linear or branched C<sub>1</sub>-C<sub>30</sub> alkyl or alkenyl radical or an aryl radical, wherein at least one of the carbon atoms optionally can be replaced by a heteroatom selected from the group consisting of N, S, O and P;

A<sup>-</sup> is a physiologically acceptable counterion.

**Claim 9. (Withdrawn)** The polyurethane according to Claim 1, wherein L, L', and L'' are identical or different, represent the formula:



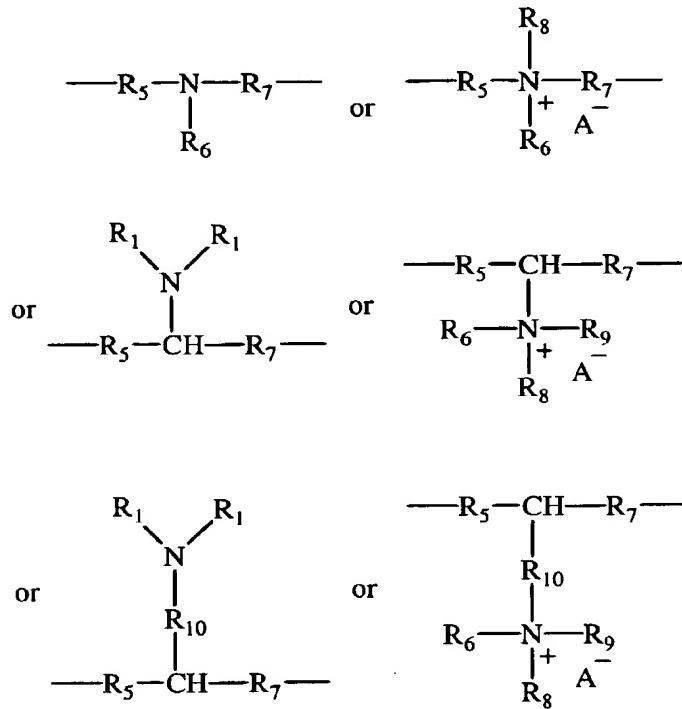
in which:

Z represents —O—, —S—, or —NH—; and

R<sub>4</sub> represents a linear or branched alkylene radical having from 1 to 20 carbon atoms, which

optionally may comprise a saturated or unsaturated ring, or an arylene radical, wherein one or more of the carbon atoms optionally is replaced by a heteroatom chosen from N, S, O and P.

Claim 10. (Withdrawn) The polyurethane according to Claim 1, wherein P and P' are identical or different, and are selected from the following formulae:



$\text{R}_5$  and  $\text{R}_7$  are identical or different and represents a linear or branched alkylene radical having from 1 to 20 carbon atoms, which optionally may comprise a saturated or unsaturated ring, or an arylene radical, wherein one or more carbon atoms optionally is replaced by a heteroatom selected from the group consisting of N, S, O or P;

$\text{R}_6$ ,  $\text{R}_8$  and  $\text{R}_9$  are identical or different, are a linear or branched C<sub>1</sub>-C<sub>30</sub> alkyl or alkenyl radical or an aryl radical, wherein at least one of the carbon atoms optionally can be replaced by a heteroatom selected from the group consisting of N, S, O and P;

$\text{R}_{10}$  represents a linear or branched alkylene group which is optionally unsaturated and which optionally comprises one or more heteroatoms selected from the group consisting of N, O, S and P, and

$\text{A}^-$  is a physiologically acceptable counterion.

Claim 11. (Withdrawn) The polyurethane according to Claim 1, wherein Y represents a

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glycol selected from the group consisting of ethylene glycol, diethylene glycol and propylene glycol or a polymer selected from the group consisting of polyethers, sulphonated polyesters and sulphonated polyamides.

**Claim 12. (Withdrawn)** A method for using a polyurethane as defined in Claim 1 as a thickener or gelling agent comprising adding said polyurethane to a composition which is to be used for topical application as a cosmetic.

**Claim 13. (Withdrawn)** A cosmetic composition thickened or gellified with at least one water-soluble polyurethane according to Claim 1.

**Claim 14. (Withdrawn)** The polyurethane according to Claim 6, which has a number-average content mass ranging from 1,000 to 400,000.

**Claim 15. (Withdrawn)** The polyurethane according to Claim 7, which has a number-average molecular weight ranging from 1,000 to 300,000.

**Claim 16. (Withdrawn)** The polyurethane according to Claim 1, wherein r is an integer between 1 and 50.

**Claim 17. (Withdrawn)** The polyurethane according to Claim 16, wherein r is an integer between 1 and 25.

**Claim 18. (Currently Amended)** A cosmetic composition comprising water-dispersible Water-dispersible amphiphilic cationic associative polyurethanes of formula (I):  
in which:



R and R', are identical or different, and represent a hydrophobic group or a hydrogen atom;  
X and X', are identical or different, and represent a group comprising an amine functional group which may or may not carry a hydrophobic group or an L" [L»] group;

L, L' and L" [L»], are identical or different, and represent a group derived from diisocyanate;  
P and P', are identical or different, and represent a group comprising an amine functional group which may or may not carry a hydrophobic group;

Y represents a hydrophilic group;

r is an integer between 1 and 100,

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n, m and p have values, each independently of the others, between 0 and 1000; the molecule comprising at least one protonated or quaternised amine functional group and at least one hydrophobic group.

**Claim 19. (Currently Amended)** The cosmetic composition polyurethane according to Claim 18, wherein the only hydrophobic groups are the R and R' groups.

**Claim 20. (Currently Amended)** The cosmetic composition polyurethane according to Claim 18, wherein R and R' independently represent a hydrophobic group; X and X' are L" [L»]; n and p have values between 1 and 1000; and L, L', L" [L»], P, P', Y and m are the same as Claim 18.

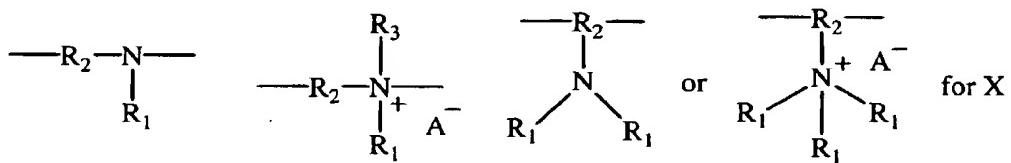
**Claim 21. (Currently Amended)** The cosmetic composition polyurethane according to Claim 18, wherein R and R' independently represent a hydrophobic group; X and X' are L" [L»], n and p have the value 0; and L, L', L" [L»], Y and m are the same as Claim 18.

**Claim 22. (Currently Amended)** The cosmetic composition polyurethane according to Claim 18, wherein R and R' independently represent a hydrophobic group; X and X' comprise a quaternary amine; n and p have the value 0; and L, L', Y and m are the same as Claim 18.

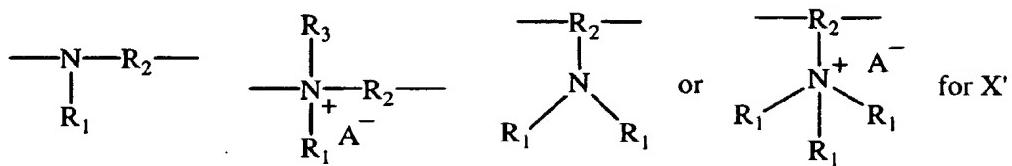
**Claim 23. (Currently Amended)** The cosmetic composition polyurethane according to Claim 18, which exhibits a number-average molecular mass between 400 and 500,000.

**Claim 24. (Currently Amended)** The cosmetic composition polyurethane according to Claim 18, wherein R and R' represent a radical or a polymer with a saturated or unsaturated and linear or branched hydrocarbonaceous chain, in which chain one or more of the carbon atoms is optionally replaced by a heteroatom selected from the group consisting of S, N, O and P, or a radical comprising a silicone or perfluorinated chain.

**Claim 25. (Currently Amended)** The cosmetic composition polyurethane according to Claim 18, wherein X and X' represent one of the formulae:



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in which:

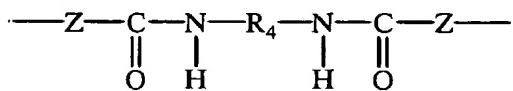
R<sub>2</sub> represents a linear or branched alkylene radical having from 1 to 20 carbon atoms, which optionally may comprise a saturated or unsaturated ring, or an arylene radical, wherein one or more carbon atoms optionally is replaced by a heteroatom selected from the group consisting of N, S, O or P;

R<sub>1</sub> and R<sub>3</sub>, are identical or different, are a linear or branched C<sub>1</sub>-C<sub>30</sub> alkyl or alkenyl radical or an aryl radical, wherein at least one of the carbon atoms optionally can be replaced by a heteroatom selected from the group consisting of N, S, O and P;

A<sup>-</sup> is a physiologically acceptable counterion counter ion.

Claim 26. (Currently Amended) The cosmetic composition polyurethane according to Claim 18, wherein L, L', and L" [L»] are identical or different, and represent the formula:

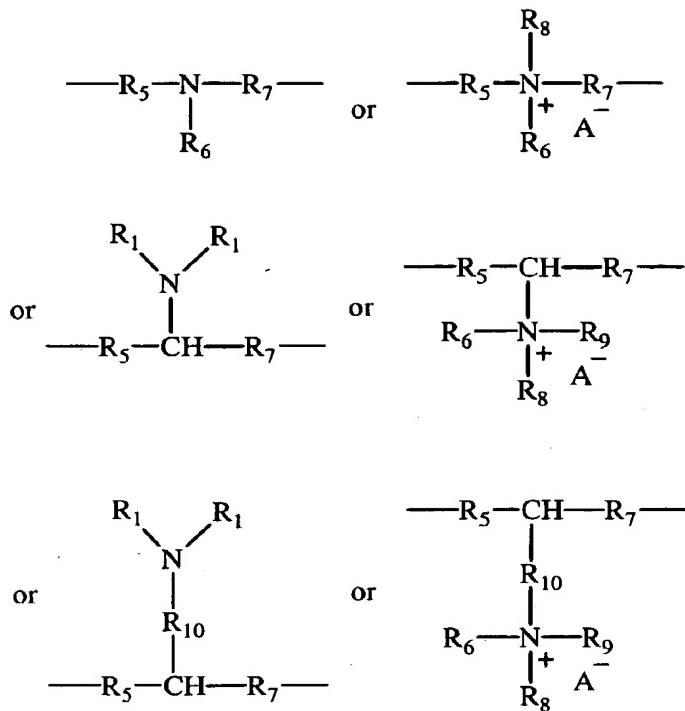
in which:



Z represents -O-, -S-, or -NH-; and

R<sub>4</sub> represents a linear or branched alkylene radical having from 1 to 20 carbon atoms, which optionally may comprise a saturated or unsaturated ring, or an arylene radical, wherein one or more of the carbon atoms optionally is replaced by a heteroatom chosen from N, S, O and P.

Claim 27. (Currently Amended) The cosmetic composition polyurethane according to Claim 18, wherein P and P' are identical or different, and are selected from the following formulae:



R<sub>5</sub> and R<sub>7</sub> are identical or different and represents a linear or branched alkylene radical having from 1 to 20 carbon atoms, which optionally may comprise a saturated or unsaturated ring, or an arylene radical, wherein one or more carbon atoms optionally is replaced by a heteroatom selected from the group consisting of N, S, O or P;

R<sub>6</sub>, R<sub>8</sub> and R<sub>9</sub> are identical or different, are a linear or branched C<sub>1</sub>-C<sub>30</sub> alkyl or alkenyl radical or an aryl radical, wherein at least one of the carbon atoms optionally can be replaced by a heteroatom selected from the group consisting of N, S, O and P;

R<sub>10</sub> represents a linear or branched alkylene group which is optionally unsaturated and which optionally comprises one or more heteroatoms selected from the group consisting of N, O, S and P, and

A<sup>-</sup> is a physiologically acceptable counterion counter ion.

**Claim 28. (Currently Amended)** The cosmetic composition polyurethane according to Claim 18, wherein Y represents a glycol selected from the group consisting of ethylene glycol, diethylene glycol and propylene glycol or a polymer selected from the group consisting of polyethers, sulphonated polyesters and sulphonated polyamides.

**Claim 29. (Canceled)**

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**Claim 30. (Currently Amended)** The cosmetic composition polyurethane according to Claim 23, which has a number-average content mass ranging from 1,000 to 400,000.

**Claim 31. (Currently Amended)** The cosmetic composition polyurethane according to Claim 30, which has a number-average molecular weight ranging from 1,000 to 300,000.

**Claim 32. (Currently Amended)** The cosmetic composition polyurethane according to Claim 18, wherein r is an integer between 1 and 50.

**Claim 33. (Currently Amended)** The cosmetic composition polyurethane according to Claim 32, wherein r is an integer between 1 and 25.